

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. (Currently Amended) A motor vehicle wiper which comprises a wiper blade[[(20)]] mounted so as to be articulated at a[[the]] front longitudinal end[[(22a)]] of a wiper arm[[(22)]] about a ~~horizontal-transverse~~ articulation axis [[(A)]] by means of a connector[[(24)]],

~~wherein of the type in which~~ the connector[[(24)]] comprises a ~~roughly horizontal~~connector body[[(38)]] that is roughly horizontal and whose bottom face[[(38i)]] carries hooks[[(40)]] for fixing to a structural element[[(34)]] of the wiper blade[[(20)]] which carries a[[the]] wiper rubber[[(26)]] of the wiper blade[[(20)]],

~~wherein of the type in which the~~ top face[[(38s)]] of the connector body[[(38)]] carries means of articulation[[(46a)]] with an[[the]] end[[(22a)]] of the wiper arm[[(22)]] about the transverse articulation axis[[(A)]],

~~wherein of the type in which~~ the end of the wiper arm comprises a web which extends substantially horizontally above the connector and which carries the means[[(46b)]] of articulation of the connector[[(24)]] about the transverse articulation axis[[(A)]],

~~wherein of the type in which~~ the means of articulation of the connector ~~(46a, 46b)~~ with the end[[(22a)]] of the wiper arm[[(22)]] comprise at least one pivot[[(56)]] with a transverse axis coaxial with the transverse articulation axis[[(A)]], which extends transversely from a lateral face[[(58a)]] of a first associated support element[[(58)]] belonging to one of the end[[(22a)]] of the wiper arm and~~(22) or~~ to the connector[[(24)]], and which is able to be received in a complementary housing[[(62)]] produced in a second associated support element[[(60)]] belonging to the other of the connector and~~(24) or~~ to the end[[(22a)]] of the wiper arm ~~(22)~~, respectively,

~~wherein of the type in which~~ at least one of the first support element[[(58)]] and [/or]] the second support element[[(60)]] comprises elastically deformable elements to allow the introduction of the pivot[[(56)]] into the complimentary~~associated~~

housing[[(62)]] and cause the automatic radial locking of the pivot[[(56)]] in the complimentary housing[[(62)]],

[[and]]wherein~~of the type in which~~ the first support element[[(58)]] is produced in one piece by moulding from plastics material with one of the wiper arm and the connector and the second support element[[(60)]] ~~is~~are produced in one piece by moulding from plastics material with the other of the wiper arm (22) or and the connector~~(24) respectively, and~~

wherein~~characterised in that~~ the end[[(22a)]] of the wiper arm[[(22)]] comprises means ~~(52, 84)~~ for the longitudinal positioning of the connector distinct from the articulation means[[(56)]].

2. (Currently Amended) [[A]]The motor vehicle wiper according to ~~the preceding~~ Claim 1, wherein~~characterised in that~~ the longitudinal positioning means ~~(52, 84)~~ extend substantially transversely with respect to the longitudinal direction of the wiper arm.
3. (Currently Amended) [[A]]The motor vehicle wiper according to ~~Claim 1 or 2~~, wherein~~characterised in that~~ the longitudinal positioning means comprise two vertical transverse ribs[[(84)]] which connect two lateral cheeks[[(50)]] of the end[[(22a)]] of the wiper arm[[(22)]] and which are distributed longitudinally with respect to the web[[(48)]] of the wiper arm[[(22)]] so that the connector[[(24)]] extends longitudinally between the transverse ribs[[(84)]] when the connector[[it]] is in position mounted between the cheeks[[(50)]] of the end[[(22a)]] of the wiper arm[[(22)]].
4. (Currently Amended) [[A]]The motor vehicle wiper according to ~~the preceding~~ Claim 3, wherein~~characterised in that~~ the connector[[(24)]] comprises a ramp portion ~~in the form of a ramp (80s)~~ which is able to cooperate with a[[the]] bottom edge[[(84i)]] of a rib[[(84)]] in order to position the connector[[(24)]] longitudinally before the introduction of the pivot[[(56)]] into the complimentary housing[[(62)]].
5. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 1 ~~any one of the preceding claims~~, wherein~~characterised in that~~ the connector[[(24)]] and wiper arm[[(22)]] comprise means of limiting the magnitude of the pivoting of the wiper blade[[(20)]], and of

the connector[[(24)]], with respect to the wiper arm[[(22)]], about the transverse articulation axis[[(A)]].

6. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 5, ~~wherein~~characterised in that the connector[[(24)]] comprises at least one rib[[(80)]], the top surface[[(80s)]] of which comes into abutment against a[[the]] bottom face[[(48i)]] of the web[[(48)]] of the end[[(22a)]] of the wiper arm[[(22)]] for an extreme angular position of the wiper blade[[(20)]] with respect to the wiper arm[[(22)]].
7. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 5 ~~or 6, wherein~~characterised in that at least one transverse rib[[(84)]] of the wiper arm[[(22)]] extends vertically downwards so that a[[the]] top face[[(30s)]] of the wiper rubber[[(26)]] comes into abutment against a[[the]] bottom edge[[(84i)]] of the rib[[(84)]], for an extreme angular position of the wiper blade[[(20)]] with respect to the wiper arm[[(22)]].
8. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 1 ~~any one of the preceding claims, wherein~~characterised in that the second support element[[(60)]] comprises an elastic clamp[[(64)]] whose internal faces opposite[[the]] branches[[(66)]] of the elastic clamp[[(64)]] each comprises a concave portion which partly delimits the complimentary housing[[(62)]] and the branches[[(66)]] of which are overall articulated about a transverse axis so as to separate to allow the introduction of the pivot[[(56)]] into the complimentary housing[[(62)]].
9. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 8 ~~the preceding claim, wherein~~characterised in that the branches[[(66)]] of the elastic clamp[[(64)]] extend roughly vertically so that the pivot[[(56)]] is able to be introduced vertically into the complimentary associated housing[[(62)]].
10. (Currently Amended) [[A]]The motor vehicle wiper according to any one of Claim[[s]] 1 ~~to 7, wherein~~characterised in that the second support element[[(60)]] consists of a vertical longitudinal cheek which comprises a transverse orifice[[(72)]] with a circular cross section delimiting the complimentary housing[[(62)]].

11. (Currently Amended) ~~[[A]]The motor vehicle wiper according to Claim 10the preceding claim, whereincharacterised in that~~ the cheek[[(60)]] comprises a ramp portion in the form of a ramp (74) which extends from a[[the]] free longitudinal edge of the cheek as far as the transverse orifice[[(72)]], on which the pivot[[(56)]] rests when[[it is]] introduced into the complimentary housing[[(62)]], ~~in order to cause the deformation of the elastically deformable elements.~~
12. (Currently Amended) ~~[[A]]The motor vehicle wiper according to Claim 11the preceding claim, whereincharacterised in that~~ the cheek[[(50)]] is elastically deformable.
13. (Currently Amended) ~~[[A]]The motor vehicle wiper according to one of Claim[[s]] 11 or 12, whereincharacterised in that~~ a[[the]] free end[[(56a)]] of the pivot[[(56)]] is bevelled and is able to cooperate with the ramp portion of the cheek ~~in the form of a ramp (74)~~ when the pivot[[(56)]] is introduced into the complimentary housing[[(62)]].
14. (Currently Amended) ~~[[A]]The motor vehicle wiper according to Claim 1one of the preceding claims, whereincharacterised in that~~ the second support element[[(60)]] comprises a vertical longitudinal lateral face[[(60a)]] with which there cooperates a facing vertical longitudinal face[[(58a)]] belonging to the first support element[[(58)]] for the rotational guidance of the connector[[(24)]] with respect to the front end[[(22a)]] of the wiper arm[[(22)]].
15. (Currently Amended) ~~[[A]]The motor vehicle wiper according to any one of Claim[[s]] 1 to 13, whereincharacterised in that~~ the second support element[[(60)]] comprises a vertical longitudinal lateral face (60a) ~~with which therethat~~ cooperates with a facing vertical longitudinal guide face[[(78a)]] belonging to a rib[[(78)]] for the rotational guidance of the connector[[(24)]] with respect to a[[the]] front end[[(22a)]] of the wiper arm[[(22)]].
16. (Currently Amended) ~~[[A]]The motor vehicle wiper according to one of Claim[[s]] 14 or 15, in combination with Claim 8, wherein the second support element comprises an elastic clamp whose internal faces opposite branches of the elastic clamp each comprises a concave portion which partly delimits the complimentary housing and the branches of which are overall articulated about a transverse axis so as to separate to allow the introduction of the pivot into the complimentary housing, and whereincharacterised in that~~ the second support

element[[(60)]] comprises at least one vertical longitudinal cheek[[(80)]], a[[the]] lateral face[[(80a)]] of which opposite the first ~~associated~~ support element[[(58)]] projects transversely with respect to the elastic clamp[[(64)]] in order to form a surface for guiding in rotation.

17. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 16~~the preceding claim, wherein characterised in that~~ the connector[[(24)]] comprises two vertical longitudinal cheeks[[(80)]] distributed longitudinally on each side of the elastic clamp[[(64)]], and ~~wherein~~in that the lateral faces[[(80a)]] of the cheeks[[(80),]] ~~forming the guide surfaces[[,]] that~~ extend longitudinally on each side of the connector body~~(38) of the connector (24)~~.
18. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 16~~or 17~~, ~~wherein~~characterised in that the first support element[[(58)]] and the rib[[(78)]] are distributed transversely on each side of the second support element[[(60)]].
19. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 1~~any one of the preceding claims, wherein characterised in that~~ the first support element[[(58)]] is an element of the connector[[(24)]], and in that the second support element[[(60)]] is a part of the end[[(22a)]] of the wiper arm[[(22)]].
20. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 19~~the preceding claim, in combination with Claim 15, wherein the second support element comprises a~~ vertical longitudinal lateral face that cooperates with a facing vertical longitudinal guide face of a rib for the rotational guidance of the connector with respect to a front end of the wiper arm, and wherein characterised in that the rib[[(78)]] is a part of the connector[[(24)]].
21. (Currently Amended) [[A]]The motor vehicle wiper according to ~~any one of the~~ Claim[[s]] 1 to 18, ~~wherein~~characterised in that the first support element[[(58)]] is an element of the end[[(22a)]] of the wiper arm[[(22)]], and the second support element[[(60)]] is a part of the connector[[(24)]].
22. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 21~~the preceding claim, in combination with Claim 15, wherein the second support element comprises a~~

vertical longitudinal lateral face that cooperates with a facing vertical longitudinal guide face of a rib for the rotational guidance of the connector with respect to a front end of the wiper arm, and wherein~~characterised in that~~ the rib[[(78)]] is a part of the end[[(22a)]] of the wiper arm[[(22)]]].

23. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 1~~any one of the preceding claims, wherein~~~~characterised in that~~ the connector[[(24)]] and the end[[(22a)]] of the wiper arm[[(22)]] are each symmetrical with respect to the same vertical longitudinal mid-plane, so that the connector[[(24)]] comprises one of two first support elements[[(58)]] and[[or]] two second support elements[[(60)]], and the end[[(22a)]] of the wiper arm[[(22)]] comprises the other of the two second support elements[[(60)]] and[[or]] the two first support elements~~(58)~~~~respectively~~.
24. (Currently Amended) [[A]]The motor vehicle wiper according to Claim 23~~the preceding claim, in combination with Claim 20 or 22, wherein~~ the second support element comprises a vertical longitudinal lateral face that cooperates with a facing vertical longitudinal guide face of a rib for the rotational guidance of the connector with respect to a front end of the wiper arm, wherein the rib is a part of the connector, and wherein~~characterised in that~~ the rib[[(78)]] is arranged transversely between two second support elements[[(60)]]].